

lays them and closes them in a pulp for their safer protection from outward dangers, and for the supply of convenient alimantal juice, when the heat of the Sun begins to animate and move these little *automatons* or Engines; as if she would, from the ornaments wherewith she has deckt these Cabinets, hint to us, that in them she has laid up her Jewels and Master-pieces. And this, if we are but diligent in observing, we shall find her method throughout. There is no curiosity in the Elemental kingdom, if I may so call the bodies of Air, Water, Earth, that are comparable in form to those of Minerals; Air and Water having no form at all, unless a potentiality to be form'd into Globules; and the clods and parcels of Earth are all irregular, whereas in Minerals she does begin to *Geometrize*, and practise, as 'twere, the first principles of *Mechanicks*, shaping them of plain regular figures, as triangles, squares, &c. and *tetraedrons*, cubes, &c. But none of their forms are comparable to the more compounded ones of Vegetables; For here she goes a step further, forming them both of more complicated shapes, and adding also multitudes of curious Mechanick contrivances in their structure; for whereas in Vegetables there was no determinate number of the leaves or branches, nor no exactly certain figure of leaves, or flowers, or seeds, in Animals all those things are exactly defin'd and determin'd; and where-ever there is either an excess or defect of those determinate parts or limbs, there has been some impediment that has spoil'd the principle which was most regular: Here we shall find, not onely most curiously compounded shapes, but most stupendious Mechanisms and contrivances, here the ornaments are in the highest perfection, nothing in all the Vegetable kingdom that is comparable to the deckings of a Peacock; nay, to the curiosity of any feather, as I elsewhere shew; nor to that of the smallest and most despicable Fly. But I must not stay on these speculations, though perhaps it were very well worth while for one that had leisure, to see what Information may be learn'd of the nature, or use, or virtues of bodies, by their several forms and various excellencies and properties. Who knows but *Adam* might from some such contemplation, give names to all creatures? If at least his names had any significancy in them of the creature's nature on which he impos'd it; as many (upon what grounds I know not) have suppos'd: And who knows, but the Creator may, in those characters, have written and engraven many of his most mysterious designs and counsels, and given man a capacity, which, assisted with diligence and industry, may be able to read and understand them. But not to multiply my digression more then I can the time, I will proceed to the next, which is,

Observ. XXX. Of the Seeds of Poppy.

THe small seeds of Poppy, which are described in the 19. *Scheme*, both for their smallness, multiplicity and prettiness, as also for their admirable soporifick quality, deserve to be taken notice of among the other

